

NOTICE OF PROPOSED ACTION
by the

Arizona Department of Environmental Quality (ADEQ) on an application for renewal of the Arizona Pollutant Discharge Elimination System (AZPDES) Permit to discharge pollutants to Waters of the United States. ADEQ is issuing this notice of proposed action under the Clean Water Act (CWA) and in accordance with Arizona Administrative Code (A.A.C.) R18-9-A907.

The Director proposes to issue an AZPDES permit to discharge to the following applicant, subject to certain effluent limitations and special conditions:

Public Notice No.: 54-08AZ

Publication Date: November 21, 2008

AZPDES Permit No. AZ0024121
Avra Valley Wastewater Treatment Facility
Pima County Regional Wastewater Reclamation Department
7101 N. Casa Grande Highway
Tucson, AZ 85743

The applicant applied for a renewal AZPDES permit for the discharge of up to 4.0 million gallons per day (MGD) of effluent from a wastewater reclamation facility (WWRF) that serves unincorporated areas of Pima County and the Pasqua Yaqui Indian Reservation, near Tucson, Arizona. Effluent will be discharged into Black Wash, a tributary of Brawley Wash in the Santa Cruz River Basin. The point of discharge is in T11S, R11E, Section 36, 22-miles southeast of the confluence with the Santa Cruz River. Wastewater will be domestic, commercial, and light industrial in nature. The WWRF is being expanded and upgraded with the installation of new tertiary filters and U.V. disinfection systems being added to the existing denitrification process and chlorination / dechlorination disinfection. Sludge will be removed by truck for further processing to the Ina Road Water Pollution Control Facility. Pursuant to A.A.C. 18-11 Article 1, Appendix B, effluent limitations in the permit are based on the designated uses of aquatic and wildlife effluent-dependent water (A&Wedw) and partial body contact (PBC). Effluent will be monitored for biochemical oxygen demand (BOD), total suspended solids (TSS), *E. Coli*, total residual chlorine (TRC), chloroform, pH, metals, cyanide and sulfides. Whole Effluent Toxicity (WET) testing will be required quarterly to assist in determining whether synergistic effects of monitored or non-monitored parameters are occurring.

With 24-hour notice, the draft permit and related documentation is available for public review Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Phoenix office. To review the file: contact the Records Management Center, 24-hours in advance at (602) 771- 4380. A copy of the pertinent documents may also be obtained by calling or writing ADEQ as follows.

Persons may submit comments or request a public hearing on the proposed action, in writing, to:

Eileen E. Dunn, Project Manager
Arizona Department of Environmental Quality
Water Quality Division, SWPU
1110 W. Washington Street 5415A-1
Phoenix, AZ 85007
Telephone: (602) 771-4449

All written comments received by ADEQ by the close of business on the date 30-days after publication of this notice will be considered in the final permit decision. Requests for a hearing must be in writing and must state the issues proposed to be raised in a hearing. If there is a significant degree of public interest, the Director will hold a hearing in accordance with A.A.C. R18-9-908(B). Additional notice of such hearing would be published at least 30-days prior to the hearing date.

Please bring the foregoing notice to the attention of all persons you know would be interested in this matter.